



Missouri
Department of
Natural Resources

Ashland Inc.
Power Plant Name: Ashland Inc
Electric Generation and Emissions in 2010

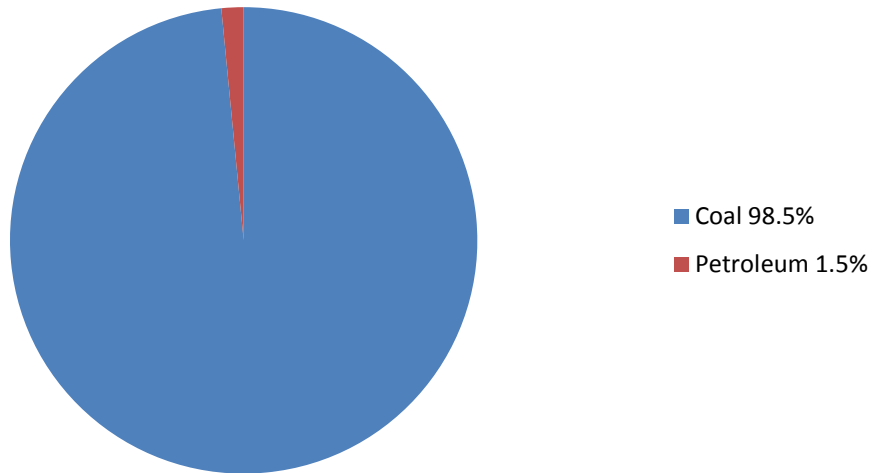
Generation Tables

	Fuel Consumption, MMBTUs	Percent of Total		Net Electric Power Generated, MWh	Percent of Total	
Non-renewable sources						
Coal	2,254,310	98.5%	98.5%	55,983	98.5%	98.5%
Natural Gas						
Petroleum	34,800	1.5%	1.5%	869	1.5%	1.5%
Nuclear						
Other						
Non-renewable total	2,289,110	100.0%	100.0%	56,852	100.0%	100.0%
Renewable sources						
Biomass						
Hydroelectric						
Landfill Gas						
Solar						
Waste Fuels						
Wind						
Wood						
Renewable total						
Grand total	2,289,110		100.0%	56,852		100.0%

Fuel Type	Physical Units	Number of Units
Anthracite Coal and Bituminous Coal	Short Tons	97,100
Distillate Fuel Oil	Barrels	5,800



Net Generation by Fuel Type, 2010 for Ashland Inc





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Power Plant Nameplate information for Ashland Inc

Plant Name	County Location	Generator	Generator Type	Generator Status	Nameplate Capacity (MW)
<i>Ashland Inc</i>		<i>All Operating Generators</i>			68.8
Ashland Inc	Pike	GEN1	Steam Turbine, including nuclear, geothermal and solar steam (does not include combined cycle)	Operating - in service	34.4
Ashland Inc	Pike	GEN2	Steam Turbine, including nuclear, geothermal and solar steam (does not include combined cycle)	Operating - in service	34.4



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Emissions from Electricity Generated in 2010: Ashland Inc

	CO2 Equivalent (TONS)	Carbon Dioxide (CO2) (TONS)	Methane (CH4) (TONS)	Nitrogen Dioxide (NO2) (TONS)
Ashland Inc	8,204,053	939,616	109,798	15,996

	Sulfur Dioxide (SO2) (TONS)	Annual Nitrogen Oxide (NOx) (TONS)	Summer Nitrogen Oxide (NOx) (TONS)
Ashland Inc	10,424	0.0000	0.0000

Identified Flue Gas Desulfurization (FGD) controls installed on Ashland Inc power plant

Plant	Control Equipment	Sorbent Type
	No FGD Controls Installed	

Identified Flue Gas Particulate (FGP) controls installed on Ashland Inc power plant

Plant	Control Equipment
Ashland Inc	Electrostatic precipitator, hot side, without flue gas conditioning



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Notes:

Generation, emissions and pollution control data include power plants owned by the utility and located in Missouri.

Emissions data calculated by Missouri Department of Natural Resources, Division of Energy, from EIA Fuel Consumption Data

Fuel Consumption and Generation Data from United States Energy Information Administration, Form 923, United States Department of Energy
<http://www.eia.gov/electricity/data/eia923>

Pollution control data (FGD and FGP equipment) from United States Energy Information Administration, Form 860, United States Department of Energy
<http://www.eia.gov/electricity/data/eia860/index.html>

Emissions factors for fuel-based generation from United States Environmental Protection Agency "Emission Factors for Greenhouse Gas Inventories", November 7, 2011,
<http://www.epa.gov/climateleadership/documents/emission-factors.pdf>